Special Issue

Lipid Metabolism in Obesity and Diabetes 2023

Message from the Guest Editors

Obesity is characterized by the excessive accumulation of fat, leading to a plethora of medical complications, including coronary artery disease, hypertension, type 2 diabetes mellitus or impaired glucose tolerance and dyslipidemia. Enhanced atherogenesis and premature atherosclerosis, are also associated with the above-mentioned diseases and lead to early cardiovascular complications and increased mortality. Previously, harmful and beneficial effects of organokines, including adipokines, hepatokines and gut hormones, have been described in obesity and diabetes, especially in the regulation of glucose and lipid metabolism, insulin sensitivity, oxidative stress and low-grade inflammation. In this Special Issue, we warmly welcome review, clinical and original research articles studying lipid metabolism and/or organokine disturbances in the field of obesity; we also welcome papers addressing related complications such as type 2 diabetes, dyslipidemias and atherosclerosis. Non-lipid effects of lipid-lowering and antidiabetic drugs in diabetes will also be covered in this Issue.

Guest Editors

Dr. Hajnalka Lőrincz

Department of Internal Medicine, Faculty of Medicine, University of Debrecen, H-4032 Debrecen, Hungary

Dr. Mariann Harangi

Department of Internal Medicine, Faculty of Medicine, University of Debrecen, H-4032 Debrecen, Hungary

Deadline for manuscript submissions

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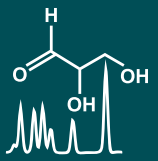
Metabolites
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

mdpi.com/journal/metabolites



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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

Dr. Amedeo Lonardo
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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